



**Phius Product Number:** W-102062  
**Date Last Certified:** 09/10/2024  
**THERM Files Available:** No

**Phius Certification Path:** Orange Path  
**Valid Through:** 09/10/2026  
**Air Leakage Test Data Available:** No



**PRODUCT INFORMATION**

<b>Product Name:</b> Viking DK 22 Aluclad Fixed Window	
<b>Manufacturer:</b> Viking Window AS	<b>Primary Frame Material:</b> Aluminum Clad Wood
<b>Series:</b> DK22	<b>Fixed or Operable:</b> Fixed
<b>Model:</b> DK 22 Aluclad Fixed Window	<b>Operation Type:</b> Fixed

**IGU DETAILS**

<b>Glazing Name:</b> 52mm 3-pane IGU // 4tghLowE-4-4tghLowE; 2x20mm Ar90%		
<b>Glass Layers:</b> Triple	<b>Gas Fill:</b> Argon	<b>Spacer:</b> SWISSPACER ULTIMATE

**RECOMMENDED CLIMATE ZONES** *(NOTE: This information is not for use in building energy models. See next section.)*

<b>Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [Btu/hr·ft<sup>2</sup>·°F]</b>										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones						✓	✓			
U-Whole-Window	0.13	0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.15
Modeled Size [W×H]	47.24" × 59.06"		SHGC, Whole Window: 0.42				Condensation Resistance:			

**COMPONENT-LEVEL PERFORMANCE DATA [IP Units]** | *Compatible with building energy modeling tools*

<b>U-COG   Center of Glass U-Values, by Climate Zone [Btu/hr·ft<sup>2</sup>·°F]</b>										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.10	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12
<b>SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones</b>								0.53		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
<b>Frame Width</b>	3.03"	3.03"	3.03"	3.11"
<b>Frame U-Value [Btu/hr·ft<sup>2</sup>·°F]</b>	0.20	0.20	0.20	0.23
<b>Glazing-to-Frame Psi Value [Btu/hr·ft<sup>2</sup>·°F]</b>	0.0080	0.0080	0.0080	0.0084
<b>Frame-to-Wall Psi Value</b> is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>				



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<b>Glass Layers:</b> Triple	<b>Gas Fill:</b> Argon	<b>Spacer:</b> SWISSPACER ULTIMATE

**RECOMMENDED CLIMATE ZONES** *(NOTE: This information is not for use in building energy models. See next section.)*

Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [W/m <sup>2</sup> K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones						✓	✓			
U-Whole-Window	0.71	0.70	0.70	0.71	0.73	0.71	0.76	0.77	0.81	0.84
Modeled Size [W x H]	1.20 m x 1.50 m		SHGC, Whole Window: 0.42				Condensation Resistance:			

**COMPONENT-LEVEL PERFORMANCE DATA [SI Units]** | *Compatible with building energy modeling tools*

U-COG   Center of Glass U-Values, by Climate Zone [W/m <sup>2</sup> K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.54	0.53	0.53	0.53	0.57	0.54	0.60	0.61	0.67	0.70
SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.53		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
Frame Width	77 mm	77 mm	77 mm	79 mm
Frame U-Value [W/m <sup>2</sup> K]	1.12	1.12	1.12	1.29
Glazing-to-Frame Psi Value [W/mK]	0.0139	0.0139	0.0139	0.0146

**Frame-to-Wall Psi Value** is dependent on the on-site installation condition. *(See Phius Guidebook for more details.)*